

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L4 | 2 | "20020144121" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 13:05 |
| L6 | 2439 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 13:42 |
| L7 | 30 | ((((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and PCI and SCSI and USB | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 13:43 |
| L8 | 449 | ((((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 13:43 |
| L9 | 200 | ((((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) and (disk disc)) and arbitrat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 13:43 |
| L10 | 349 | (mass adj storage) and (disk same head same actuator and servo) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 13:43 |
| L11 | 79 | ((mass adj storage) with (memory adj controller)) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 13:44 |

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| L12 | 449 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 13:44 |
| L13 | 14 | ((mass adj storage) with (magneto adj optical) and @ad < "20010829") and (usb with interface) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/19 13:45 |
| S1 | 1115 | (711/112).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/04 11:54 |
| S2 | 5326 | (710/8,22-28,100,113,305,306, 308,309,311,313).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/04 11:54 |
| S3 | 5395 | ((((711/112).CCLS.) ((710/8,22-28, 100,113,305,306,308,309,311, 313).CCLS.)) and @ad < "20010830" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 11:55 |
| S4 | 2969 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and disk | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 11:55 |
| S5 | 4190 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 11:56 |
| S6 | 2821 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 11:57 |
| S7 | 2282 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 19:17 |

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|-----|------|---|---|----|----|------------------|
| S8 | 1080 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 14:37 |
| S9 | 26 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and PCI and SCSI and USB | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 14:37 |
| S10 | 2 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (controller with ((memory near interface) with ((storage disk peripheral) near interface))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 12:07 |
| S11 | 431 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 14:43 |
| S12 | 296 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) and (disk disc) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 17:56 |
| S13 | 191 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) and (disk disc)) and arbitrat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 18:58 |

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| S14 | 0 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) and (disk disc)) and arbitrat\$3) and (PCI and SCSI and USB and (IEEE adj "1349")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 19:00 |
| S15 | 12 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) and (disk disc)) and arbitrat\$3) and (PCI and SCSI and USB) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 19:00 |
| S16 | 18 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and (PCI and USB and SCSI and (IEEE adj "1394")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 19:30 |
| S17 | 48 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and (USB with (disk storage)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/04 19:31 |
| S18 | 696 | ((mass adj storage) with (magneto adj optical) and @ad < "20010829") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 18:06 |
| S19 | 13 | ((mass adj storage) with (magneto adj optical) and @ad < "20010829") and (usb with interface) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 15:44 |
| S20 | 9 | ((mass adj storage) with (magneto adj optical) and @ad < "20010829") and (usb with interface)) and (controller) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 15:44 |

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| S21 | 12 | ((mass adj storage) with (magneto adj optical) and @ad < "20010829") and (set adj top adj box) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 16:24 |
| S22 | 56 | (mass adj storage) with (controller) and (set adj top adj box) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 16:56 |
| S23 | 23 | (mass adj storage) same (memory with controller) and (disk same head same actuator and servo) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 18:03 |
| S24 | 333 | (mass adj storage) and (disk same head same actuator and servo) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 17:23 |
| S25 | 66 | (mass adj storage) and (disk same head same actuator and (servo adj controller)) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 17:24 |
| S26 | 3 | (mass adj storage) same (memory adj controller) and (disk same head same actuator and servo) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 18:03 |
| S27 | 64 | ((mass adj storage) with (memory adj controller)) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/06/07 18:07 |
| S28 | 1293 | (711/112).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/14 19:05 |
| S29 | 5956 | (710/8,22-28,100,113,305,306,308,309,311,313).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/14 19:05 |

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| S30 | 5693 | ((((711/112).CCLS.) ((710/8,22-28,100,113,305,306,308,309,311,313).CCLS.)) and @ad < "20010830") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S31 | 3140 | (((((711/112).CCLS.) ((710/8,22-28,100,113,305,306,308,309,311,313).CCLS.)) and @ad < "20010830") and disk | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S32 | 4417 | (((((711/112).CCLS.) ((710/8,22-28,100,113,305,306,308,309,311,313).CCLS.)) and @ad < "20010830") and (disk storage) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S33 | 2967 | ((((((711/112).CCLS.) ((710/8,22-28,100,113,305,306,308,309,311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S34 | 2405 | ((((((((711/112).CCLS.) ((710/8,22-28,100,113,305,306,308,309,311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S35 | 1124 | (((((((((711/112).CCLS.) ((710/8,22-28,100,113,305,306,308,309,311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S36 | 30 | (((((((((711/112).CCLS.) ((710/8,22-28,100,113,305,306,308,309,311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and PCI and SCSI and USB | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S37 | 2 | ((((((((((711/112).CCLS.) ((710/8,22-28,100,113,305,306,308,309,311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (controller with ((memory near interface) with ((storage disk peripheral) near interface))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |

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| S38 | 444 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S39 | 304 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) and (disk disc) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S40 | 197 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) and (disk disc)) and arbitrat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S41 | 0 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) and (disk disc)) and arbitrat\$3) and (PCI and SCSI and USB and (IEEE adj "1349")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S42 | 12 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and DMA) and (memory near bus) and (disk disc)) and arbitrat\$3) and (PCI and SCSI and USB) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S43 | 19 | (((((711/112).CCLS.)) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and (PCI and USB and SCSI and (IEEE adj "1394")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |

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| S44 | 53 | (((((711/112).CCLS.) ((710/8, 22-28,100,113,305,306,308,309, 311,313).CCLS.)) and @ad < "20010830") and (disk storage)) and (memory and controller and bus)) and processor) and (USB with (disk storage)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S45 | 732 | (mass adj storage) with (magneto adj optical) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S46 | 14 | ((mass adj storage) with (magneto adj optical) and @ad < "20010829") and (usb with interface) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S47 | 10 | ((mass adj storage) with (magneto adj optical) and @ad < "20010829") and (usb with interface)) and (controller) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S48 | 12 | ((mass adj storage) with (magneto adj optical) and @ad < "20010829") and (set adj top adj box) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S49 | 58 | (mass adj storage) with (controller) and (set adj top adj box) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S50 | 23 | (mass adj storage) same (memory with controller) and (disk same head same actuator and servo) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S51 | 346 | (mass adj storage) and (disk same head same actuator and servo) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S52 | 70 | (mass adj storage) and (disk same head same actuator and (servo adj controller)) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |

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| S53 | 3 | (mass adj storage) same (memory adj controller) and (disk same head same actuator and servo) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |
| S54 | 75 | ((mass adj storage) with (memory adj controller)) and @ad < "20010829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/14 19:05 |